

Table 4-1

Project Trip Generation Summary

Project Trip Generation Rates									
Land Use ¹	ITE LU Code	Units ²	AM Peak Hour			PM Peak Hour			Daily
			In	Out	Total	In	Out	Total	
Actual Vehicles									
Warehousing ³	150	TSF	0.240	0.060	0.300	0.080	0.240	0.320	3.560
Passenger Cars (60.0%)			0.144	0.036	0.180	0.048	0.144	0.192	2.136
2-Axle Trucks (0.8%)			0.002	0.001	0.003	0.001	0.002	0.003	0.029
3-Axle Trucks (11.2%)			0.027	0.007	0.034	0.009	0.027	0.036	0.399
4-Axle+ Trucks (28.0%)			0.067	0.016	0.083	0.022	0.067	0.089	0.996
Passenger Car Equivalent									
Warehousing ³	150	TSF	0.240	0.060	0.300	0.080	0.240	0.320	3.560
Passenger Cars (60.0%)			0.144	0.036	0.180	0.048	0.144	0.192	2.136
2-Axle Trucks (0.8%) (PCE = 1.5) ⁴			0.003	0.002	0.005	0.002	0.003	0.005	0.044
3-Axle Trucks (11.2%) (PCE = 2.0) ⁴			0.054	0.014	0.068	0.018	0.054	0.072	0.798
4-Axle+ Trucks (28.0%) (PCE = 3.0) ⁴			0.201	0.048	0.249	0.066	0.201	0.267	2.988

Project Trip Generation									
Project	Quantity	Units ²	AM Peak Hour			PM Peak Hour			Daily
			In	Out	Total	In	Out	Total	
Actual Vehicles									
Alder II Warehouse	83.635	TSF							
Passenger Cars:			13	4	17	5	13	18	179
Truck Trips:									
2-axle:			1	1	2	1	1	2	3
3-axle:			3	1	4	1	3	4	34
4+-axle:			6	2	8	2	6	8	84
- Net Truck Trips			10	4	14	4	10	14	121
TOTAL NET TRIPS			23	8	31	9	23	32	300
Passenger Car Equivalent									
Alder II Warehouse	83.635	TSF							
Passenger Cars:			13	4	17	5	13	18	179
Truck Trips:									
2-axle:			1	1	2	1	1	2	4
3-axle:			5	2	7	2	5	7	67
4+-axle:			17	5	22	6	17	23	250
- Net Truck Trips			23	8	31	9	23	32	321
TOTAL NET TRIPS			36	12	48	14	36	50	500

¹ Trip Generation Source: Institute of Transportation Engineers (ITE), Trip Generation Manual, Ninth Edition (2012).

² TSF = thousand square feet

³ Vehicle and Truck Mix Source: City of Rialto Public Works Department Traffic Impact Analysis Report Guidelines and Requirements (2013).

⁴ PCE rates are per City of Rialto Public Works Department Traffic Impact Analysis Report Guidelines and Requirements (2013).